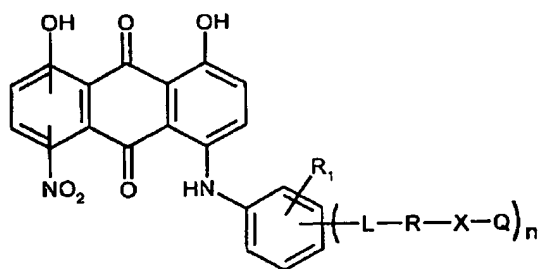


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Amendment

1. (Original) An anthraquinone colorant having the structure in Formula I:



I

wherein

L represents a covalent carbon-carbon bond or a linking group selected from the group consisting of -O-, -S-, -SO₂-, -CON(R₂)-, -N(COR₃)-, -N(R₂)CO-, and -N(SO₂R₃)-;

R is a divalent organic radical selected from the group consisting of C₁-C₆-alkylene; C₁-C₆-alkylene-Y-CH₂CH₂-; and {CH₂CH₂}_m-Y-CH₂CH₂-;

R₁ is hydrogen or represents one or two groups selected from the group consisting of C₁-C₆-alkyl, C₁-C₆-alkoxy and halogen.

R₂ is hydrogen, C₁-C₆-alkyl, C₃-C₈-cycloalkyl or aryl;

R₃ is C₁-C₆-alkyl, C₃-C₈-cycloalkyl or aryl;

X is -O- or -N(R₂)-;

Y is -O-, -S-, -SO₂-, -N(SO₂R₃)-, or -N(COR₃)-;

n is 1 or 2;

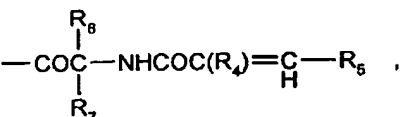
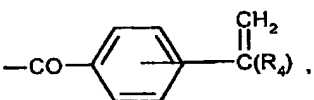
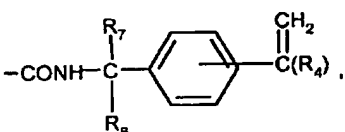
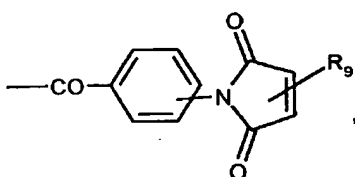
m is 2 or 3; and

Q is an ethylenically-unsaturated photopolymerizable or free radical polymerizable group.


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2. (Original) A colorant according to claim 1 wherein Q is

1 -COC(R₄)=CH-R₅,2 -CONHCOC(R₄)=CH-R₅,3 -CONH-C₁-C₆-alkylene-OCOC(R₄)=CH-R₅,4 5 -COCH=CH-CO₂R₈,6 7 8 

or

9 

wherein:

R₄ is hydrogen or C₁-C₆-alkyl;

R₅ is hydrogen; C₁-C₆ alkyl; phenyl; phenyl substituted with one or more groups selected from the group consisting of C₁-C₆-alkyl, C₁-C₆-alkoxy, -N(C₁-C₆-alkyl)₂, nitro, cyano, C₁-C₆-alkoxycarbonyl, C₁-C₆-alkanoyloxy and halogen; 1- or 2-naphthyl; 1- or 2-naphthyl substituted with C₁-C₆-alkyl or C₁-C₆-alkoxy; 2- or 3-thienyl; 2- or 3-thienyl substituted with C₁-C₆-alkyl or halogen; 2- or 3-furyl; or 2- or 3-furyl substituted with C₁-C₆-alkyl;

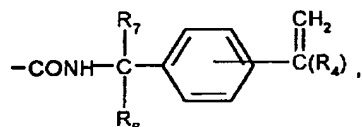
R₆ and R₇ are, independently, hydrogen, C₁-C₆-alkyl, or aryl; or R₆ and R₇ may be combined to represent a $-(CH_2)_{3-5}$ radical;

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R_8 is hydrogen, C_1 - C_6 -alkyl, C_1 - C_8 -alkenyl, C_3 - C_8 -cycloalkyl or aryl; and
 R_9 is hydrogen, C_1 - C_6 -alkyl or aryl.

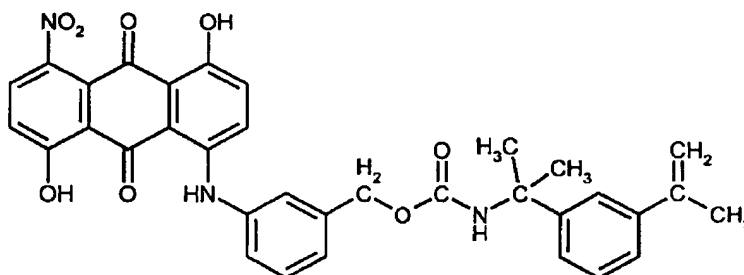
3. (Original) A colorant according to claim 2, wherein R is C_1 - C_4 -alkylene, R_1 is hydrogen, L is -O- or a covalent bond, X is -O-, and Q is



wherein R_4 is hydrogen or methyl, R_6 and R_7 are methyl, and n is 1.

4. (Original) A colorant according to claim 2, wherein R is C_1 - C_4 -alkylene, R_1 is hydrogen, L is -O- or a covalent bond, X is -O-, and Q is $-COC(R_4)=CH-R_5$, wherein R_4 is hydrogen or methyl, R_5 is hydrogen, and n is 1.

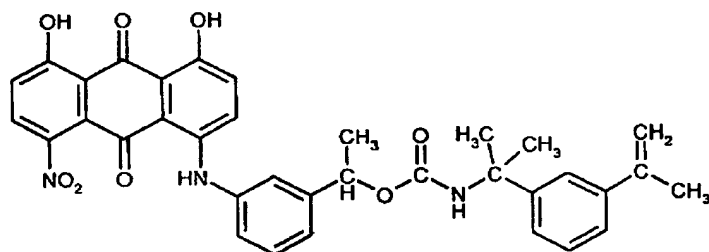
5. (Original) A colorant according to claim 1 having the structure



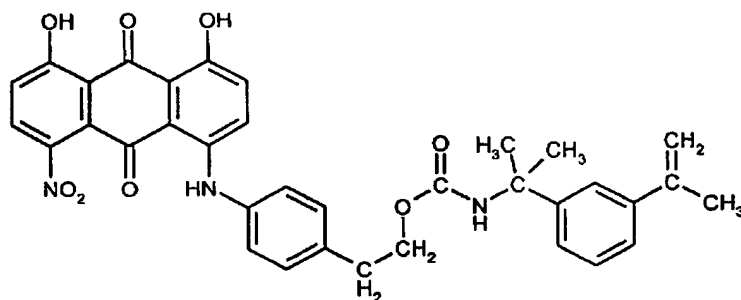
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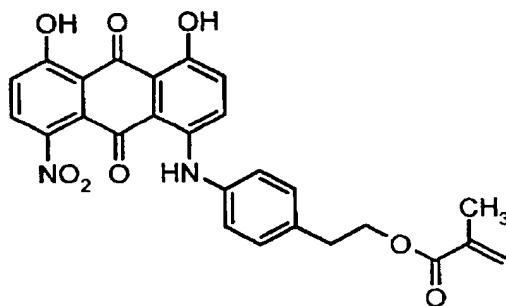
6. (Original) A colorant according to claim 1 having the structure



7. (Original) A colorant according to claim 1 having the structure



8. (Original) A colorant according to claim 1 having the structure



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Claims 9. – 14. (Currently Canceled)

15. (Original) A colorant concentrate comprising a solvent and a colorant according to Claim 1 at a concentration of about 0.5 to about 40 wt%.

16. (Original) A colorant concentrate according to claim 15 wherein the solvent is toluene, methylethyl ketone, acetone, hexanediol diacrylate, tri(propyleneglycol) diacrylate or a mixture thereof and the colorant is present at a concentration of about 10 to about 30 wt%.

17. (Original) A colorant concentrate according to claim 16 further comprising one or more ultraviolet light absorbing compounds at a concentration of from about 0.1 to about 30 wt %.

18. (Original) A colorant concentrate according to claim 16 further comprising one or more antioxidants at a concentration of about 0.01 to about 5 wt %.